

SEQUENCE LISTING

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PREDDIE, ENRIQUE

<120> AGENTS FOR PRE-SYMPTOMATIC DETECTION AND THERAPEUTIC
TARGETING OF ALZHEIMERS'S DISEASE AND DOWN SYNDROME
IN HUMANS

<130> 161003-2000.1

<140> 10/700,922

<141> 2003-11-03

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<151> 1999-02-16

<150> PCT/EP97/04599

<151> 1997-08-22

<160> 38

<170> PatentIn version 3.3

<210> 1

<211> 240

<212> DNA

<213> Homo sapiens

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gtcatagcga cagtgatcgt catcaccttg gtgatgctga agaagaaaca gtacacatcc	180
attcatcatg gtgtggtgga ggtaggtaaa cttgactgca tgtttccaag tgggaattaa	240

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<213> Homo sapiens

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<211> 79

<212> PRT

<213> Homo sapiens

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1 5 10 15

Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile

20 25 30
 Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile
 35 40 45
 Thr Leu Val Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile His His Gly
 50 55 60
 Val Val Glu Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
 65 70 75

<210> 4
 <211> 51
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 <213> Homo sapiens

<400> 4
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 1 5 10 15
 Lys Leu Val Arg Lys Ile Ile Tyr Leu Phe Pro Leu Leu Phe Val Leu
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 Pro Asn Asp Leu Leu Thr Leu Val His Pro Val Leu Glu Ile Lys Leu
 35 40 45

Arg Lys Arg
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 <213> Homo sapiens

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 35 40

<210> 6
 <211> 40
 <212> PRT
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<400> 6
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20 25 30

Asp Ser Trp Trp Ala Val Leu Ser
35 40

<210> 7
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1 5 10 15

Trp Tyr Val Lys
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<210> 8
<211> 18
<212> PRT
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1 5 10 15

Leu Ser

<210> 9
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tttttaaatg actctgcat 79

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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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tgtaggttca	aacaaagggt	caatcattgg	actcatgggt	ggcgggtgtg	tcatacgac	180
agtgatcgct	atcaccttgg	tgatgctgaa	gaagaacacg	tacacatcca	ttcatcatgg	240
tgtaggtgag	gtaggttaac	ttgactgcat	gtttccaagt	gggaattaa	actatgagag	300
aattaggctt	agctttttgc	taagaactag	ctaagtatct	cttttaaaaa	accaatcagt	360
gtgcttccat	gatgcttggg	ttacagttgt	tctttcttgt	tttggttttc	attcattgca	420
acttaccgtg	aattattctgc	tcaaggattt	gagagtggtg	gttggtatct	taacttacaa	480
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 <213> Homo sapiens

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cctctttcca	ctactgtttg	tcttgccaaa	tgacctatta	actctgtgtc	atcctgtgct	180
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 <213> Homo sapiens

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atcagaacaa	ttagtgttaa	gaatcatata	gcaatttata	gaaaaggaag	agttcgtagg	180
ttataaatc	tgtagttgc	taagaagcat	tttttaaat	atgtactata	gtcttttatt	240
cagcagacga	accaattaca	atctgtgtaa	ctagaacact	tgatcaaat	tataataatt	300
ttacaacgct	tcactgcata	gatcatgaa	cataatttat	tttgaattgg	aacaagccc	360
caaagttaga	gtttttgtct	accaggtaat	taatgctcat	ttttaaaggg	ttttattatt	420
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taagccaagc	caacatatc	caggaaacaa	tccttgccaa	cctctcaacc	aggatttaac	540
ttctgctttt	ccccatttt	caaaaattat	agcatgtatt	taaatgcagc	agaagccta	600
ttttcagggt	ttccttacc	tttcatttct	ttttgttcaa	aataggtagt	aattgaaggt	660
ttaaatatag	ggtatcattt	ttctttaaga	gtcattttac	aattttcttc	taacttcagg	720
cctagaaaga	agttttgggt	aggctttgtc	ttacagttgt	attatttatg	agtaaaacta	780
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<210> 15

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 <210> 17
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 <212> DNA
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 tagcatgtat ttaaatgcag cagaag 26

 <210> 18
 <211> 56
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 <210> 19
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 <210> 20
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 <210> 21
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<210> 22
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 <212> DNA
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<400> 22
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<210> 23
 <211> 39
 <212> DNA
 <213> Homo sapiens

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<210> 24
 <211> 41
 <212> DNA
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<400> 24
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 25
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<210> 26
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 <223> Description of Artificial Sequence: Synthetic primer

<400> 26
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<210> 27
 <211> 23
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 <210> 28
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 <220>
 <223> Description of Artificial Sequence: Synthetic primer

 <400> 28
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 <210> 29
 <211> 26
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: Synthetic primer

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 <210> 30
 <211> 25
 <212> DNA
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 <220>
 <223> Description of Artificial Sequence: Synthetic primer

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 <210> 31
 <211> 25
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 <220>
 <223> Description of Artificial Sequence: Synthetic primer

 <400> 31

tccttaattt gatttctagc acagg 25

<210> 32

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 32

tcctgcatac cttaattat gatg 24

<210> 33

<211> 23

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 34

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

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<210> 35

<211> 23

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 35

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<210> 36

<211> 18

<212> PRT

<213> Homo sapiens

<400> 36

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Leu Ser

<210> 37
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 <212> DNA
 <213> Homo sapiens

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 aattaagact atgagagaat taggcttagc tttttgctaa gaactagcta agtatctctt 240
 ttaaaaaaac aatcagtggt cttccatgat gcttgggtta cagttgttct ttctgtttt 300
 gggttttcatt cattgcaact taccgtgaat attctgctca aggtattgag agtgtgtgtt 360
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 tttaaaaaag cat 433

<210> 38
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 <212> DNA
 <213> Homo sapiens

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 ttacatttga aataacatta tgcttttaaaa agcaatacac tgctaaaggt taatttgaat 180
 tctgcagaat tactatagca aaaagtaggt aacaagatat ctttttttct attgtttaac 240
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 gggcagagaa tatactgaaa cttttttatat aacctcatcc aaatgtcccc tgcatttaag 720
 aaatgaaatt cttctaatgt cgtttataaa ttgtaaatta tattgcattt agaaattaaa 780
 attcttttct ttaatttgtt ttcaagg 807